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IN THE CLAIMS

Claims 1-7 and 9-20 are pending, claims 1, 13 and 17 are currently amended.

1. (Currently Amended) A method for controlling network digital broadcasting service, comprising steps of:

directly requesting, at a client, without passing through a network session resource manager, a digital broadcasting server for a session connection , and establishing a session by receiving, without passing through said network session resource manager, a confirmation message for the session connection from the digital broadcasting server; and

directly requesting, at the client, without passing through said network session resource manager, the digital broadcasting server for a channel change, and changing a channel by receiving, without passing through said network session resource manager, a confirmation message for confirming the channel change from the digital broadcasting server,

wherein a message for requesting the channel change and the confirmation message for confirming the channel change each include a DSM-CC (Digital Storage Media-Command and Control) message header field, the message for requesting the channel change is a ProgramSelectRequest message including: the DSM-CC (Digital Storage Media-Command and Control) message header field, a Session ID (Identification) field, a STB (Set Top Box) status field, a broadcast ProgramId field, and a Client ID field, and the ProgramSelectRequest message is transmitted from the client to

the digital broadcasting server.

2. (Original) The method according to claim 1, further comprising:

receiving, at the client, a message for checking a status of the client from the digital broadcasting server, and directly delivering a confirmation message for checking the status of the client to the digital broadcasting server.

3. (Original) The method according to claim 1, further comprising:

directly requesting, at the client, the digital broadcasting server for a session termination and terminating a session by receiving a confirmation message for the session termination from the digital broadcasting server.

4. (Original) The method according to claim 1, further comprising:

directly requesting, at the digital broadcasting server, the client for a session termination and terminating a session by receiving a confirmation message for the session termination from the client.

5. (Original) The method according to claim 1, further comprising the step of directly receiving, at the client, a session termination request from the digital broadcasting server, and terminating a session if the client cannot transmit a response to the session termination request from the digital broadcasting server.

6. (Original) The method according to claim 1, wherein a protocol between the client and the digital broadcasting server is a TCP/IP (Transmission Control Protocol/Internet Protocol).

7. (Original) The method according to claim 1, wherein a message for requesting the session connection is a SessionSetupRequest message including: a DSM-CC (Digital Storage Media-Command and Control) message header field, a Session ID (Identification) field, a Reserved field, a Client ID field, and a Server ID field, and the SessionSetupRequest message is transmitted from the client to the digital broadcasting server.

8. (Canceled)

9. (Original) The method according to claim 2, wherein the message for checking the status of the client is a ServerStatusRequest message including: a DSM-CC (Digital Storage Media-Command and Control) message header field, a Reason field, a statusType field, a resourceNumber field for showing a number of a resource whose status is wanted to be known, a Reserved field, and a client ID field, and the ServerStatusRequest message is transmitted from the digital broadcasting server to the client.

10. (Original) The method according to claim 3, wherein a message for requesting a session termination is a ClientReleaseRequest message including: a DSM-CC (Digital Storage Media-Command and Control) message header field, a session ID field, a Reason field, and a ClientID field, and the ClientReleaseRequest message is transmitted from the client to the digital broadcasting server.

11. (Original) The method according to claim 4, wherein a message for requesting a session termination is a ServerReleaseRequest message including: a DSM-CC (Digital Storage Media-Command and Control) message header field, a session ID field, a Reason field, and a ClientID field, and the ServerReleaseRequest message is transmitted from the digital broadcasting server to the client.

12. (Original) The method according to claim 1, wherein the confirmation message for confirming the session connection is a SessionSetupConfirm message including: a DSM-CC (Digital Storage Media-Command and Control) message header field, a Session ID (Identification) field, a response field, and a Server ID field, and the SessionSetupConfirm message is transmitted from the digital broadcasting server to the client.

13. (Currently Amended) A method for controlling network digital broadcasting service, comprising steps of:

directly requesting, at a client, without passing through a network session resource manager, a digital broadcasting server for a session connection, and establishing a session by receiving, without passing through the network session resource manager, a confirmation message for the session connection from the digital broadcasting server; and

directly requesting, at the client, without passing through the network session resource manager, the digital broadcasting server for a channel change, and changing a channel by receiving, without passing through the network session resource manager, a confirmation message for confirming the channel change from the digital broadcasting server,

wherein a message for requesting the channel change and the confirmation message for confirming the channel change each include a DSM-CC (Digital Storage Media-Command and Control) message header field, the confirmation message for confirming the channel change is a ProgramSelectConfirm message including: the DSM-CC (Digital Storage Media-Command and Control) message header field, a Session ID (Identification) field, a response field, a broadcast ProgramId field, and a Client ID field, and the ProgramSelectConfirm message is transmitted from the digital broadcasting server to the client.

14. (Original) The method according to claim 2, wherein the confirmation message for confirming the status of the client is a ServerStatusConfirm message including: a DSM-CC (Digital Storage Media-Command and Control) message header

field, a Response field, a statusType field, a resourceNumber field for showing a number of a resource whose status is wanted to be known, a resourseStatus field, and a client ID field, and the ServerStatusConfirm message is transmitted from the client to the digital broadcasting server for confirming the status of the client.

15. (Original) The method according to claim 3, wherein the confirmation message for confirming a session termination is a ClientReleaseConfirm message including: a DSM-CC (Digital Storage Media-Command and Control) message header field, a session ID field, a response field, and a ClientID field, and the ClientReleaseConfirm message is transmitted from the digital broadcasting server to the client.

16. (Original) The method according to claim 4, wherein the confirmation message for confirming a session termination is a ServerReleaseConfirm message including: a DSM-CC (Digital Storage Media-Command and Control) message header field, a session ID field, a response field, and a ClientID field, and the ServerReleaseConfirm message is transmitted from the client to the digital broadcasting server.

17. (Currently Amended) A system controlling a network digital broadcasting service comprises:

a client and a digital broadcasting server, the client directly requesting, without passing through a network session resource manager, the digital broadcasting server for a session connection, and establishing a session by receiving, without passing through the network session resource manager, a confirmation message for the session connection from the digital broadcasting server; and

the client directly requesting, without passing through the network session resource manager, a program change from the digital broadcasting server and receiving a confirmation message, without passing through the network session resource manager, from the digital broadcasting server, when the digital broadcasting server confirms the program change,

wherein a message requesting the program change and the confirmation message confirming the program change each include a DSM-CC (Digital Storage Media-Command and Control) message header field, the message for requesting the program change is a ProgramSelectRequest message including: the DSM-CC (Digital Storage Media-Command and Control) message header field, a Session ID (Identification) field, a STB (Set Top Box) status field, a broadcast ProgramId field, and a Client ID field, and the ProgramSelectRequest message is transmitted from the client to the digital broadcasting server..

18. (Original) The system according to claim 17, further comprising:

the client periodically receiving a message from the digital broadcasting server for

checking a status of the client, and directly delivering a client status confirmation message, indicative of the status of the client, to the digital broadcasting server.

19. (Original) The system according to claim 17, further comprising:

the client directly requesting the digital broadcasting server for a session termination and terminating a session by receiving a confirmation message for the session termination from the digital broadcasting server.

20. (Original) The system according to claim 17, further comprising:

the digital broadcasting server directly requesting the client for a session termination and terminating a session by receiving a confirmation message for the session termination from the client.